

**D) Remarks                    March 5, 2004 10/038,459**

**D-1) on the specifications amendments**

**(Page 8, paragraph 2, remark No. 1)**

"Fig. 1(b)" has been inserted in line 12 between "central metal pin (2)" and ". According to the prior art structure". "Fig. 1(b)" has been inserted in line 14 after "will be perpendicular to the broad side walls (32,33)".

**(Page 10, paragraph 3 – page 11 paragraph 1, remark No. 2)**

Line 26, "(56)" has been replaced by "(58). Line 27, "(56)" has been replaced by "(58)".

**(Page 15, paragraph 2 – page 16 paragraph 1, remark No. 3)**

Line 18, "(69)" has been replaced by "(40a)". Line 19, "(e.g. see Fig. 4(c))" has been inserted "the back surfaces of the waveguide probes" and "are removed by immersing"

**D-2) on Amendments to the Claims:**

[C1] line 5 of Claim 1 please delete "defining a reference plane ", line 6 please delete "said reference plane is substantially parallel to said broad wall, ". The amendment to Claim 1 is made to overcome the objection of the examiner on the figure (examiner's comment No. 5)

[C2] A "," has been inserted after "wall" in line 4 of the second paragraph (examiner's comment No. 6).

[C3] Claim 4, line 3 please insert "a" between "greater than" and "diameter". (examiner's comment No. 7)

[C4] Claim 5 line 2, the second axis is the one without a slot. Hence there is no amendment to this Claim on this item. (examiner's comment No. 8)

[C5] Claim 5 lines 3 –7, please delete “the long inner walls of said through channel being aligned to be perpendicular to said reference plane or broad wall of the universal conductive housing and the two long inner walls of said universal launching adapter being aligned to be perpendicular to said reference plane or broad wall of the universal conductive housing,“. (examiner’s comment No. 9)

[C6] Claim 6 lines 4 –8, please delete “the long inner walls of said through channel being aligned to be parallel to said broad wall and the two broad inner walls of said universal launching adapter being aligned to be parallel to said reference plane or long wall of the universal conductive housing “. (examiner’s comment No. 9)

**D-3) on Amendments to Figure 3(a) (comment No. 4 and No. 5):**

In Fig. 3(a), numerals 40 and 42a have been moved to new locations. In this figure, 51, 51' and 50 have been added. We hope the drawing amendment is acceptable to you.

This application is in condition for allowance except for the following formal matters:

In the Specification:

*Comment* The disclosure is objected to because of the following informalities: In the replacement

*No. 1* paragraph to page 8, paragraph 2, lines 12, 14 therein, note that --in Fig. 1(b)-- should follow

"(2)" & "(32, 33)", respectively for consistency of description. In the replacement paragraph

*Comment* bridging pages 10 & 11, lines 26, 27 therein, should "56" correctly be --58-- such as to provide

*No. 2* consistency of description with Fig. 3(d)? ; line 29 therein, should "Fig. 3(c)" correctly be --Fig.

3(b)-- which depicts "adapter (51)"? In the replacement paragraph bridging pages 15 & 16, line

*Comment* 19 therein, should "pattern (69)" correctly be --pattern (40a)-- such as to be consistent with the

*No. 3* amended figures? ; line 20 therein, note that --(e.g. see Fig. 4(c))-- should follow "probes" for

consistency of description. Appropriate correction is required.

In the Drawings:

*Comment* The drawings are objected to under 37 CFR 1.83(a). The drawings must show every

*No. 4* feature of the invention specified in the claims. Therefore, the universal launching adapter

(e.g. 51, 51') being mounted to the major wall of the housing such that the L-shape probe is at a

central region (e.g. cl 1) must be shown or the feature(s) canceled from the claim(s). No new

matter should be entered. It should be noted that what the examiner is seeking from this drawing

objection is the placement of the adapter of figs. 3(b) or 3(d) and the waveguide of fig. 3(c)

arranged relative to the L-shape probe in Fig. 3(a). Such a depiction may be made by phantom

views of the adapter and waveguide or exploded views of the adapter and waveguide in fig. 3(a).

See the attached drawing correction suggested by the examiner.

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the platform for mounting the MMIC & control components in a reference plane parallel to the broad wall as recited in claim 1 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Comment  
No. 5

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

**In the Claims:**

The following claims have been found objectionable for reasons set forth below:

In claim 1, second paragraph, note that a -- should be inserted after "wall" for a proper characterization.

Comment  
No. 6

In claim 4, line 3, note that --a— should be inserted prior to "diameter". Comment No. 7

In claim 5, line 2, should "second axis" properly be —first axis— for a proper characterization? Comment No. 8

In claims 5, 6, lines 4-7 of each claim, note that the orientation of the long inner walls of the universal conductive housing as recited herein appears redundant since the same limitation appears earlier recited in claim 1. Accordingly, such redundant recitations should be deleted from these claims.

Comment  
No. 9

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.